

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) An isolated nucleic acid molecule consisting of polynucleotide ~~comprising~~ the polymorphic nucleotide sequence of SEQ ID NO: 509.
2. (Currently Amended) The nucleic acid molecule polynucleotide of claim 1, wherein said nucleic acid molecule polynucleotide ~~sequence~~ is DNA.
3. (Currently Amended) The nucleic acid molecule polynucleotide of claim 1, wherein said nucleic acid molecule polynucleotide ~~sequence~~ is RNA.
4. (Currently Amended) An isolated nucleic acid molecule ~~The polynucleotide of claim 1,~~
 ~~wherein said polynucleotide sequence is~~ wherein said nucleic acid molecule comprises: a)
 between about 10 and about 50 nucleotides in length, and wherein at least 10 contiguous
 bases of SEQ ID NO: 509 and b) ~~include~~ the nucleotide corresponding to position 26 of
 SEQ ID NO: 509, wherein said nucleotide is not an adenine.
5. (Currently Amended) The nucleic acid molecule polynucleotide of claim 4 ~~1~~, wherein
 said nucleic acid molecule polynucleotide ~~sequence~~ is between about 10 and about 40
 nucleotides in length, and wherein at least 10 contiguous bases ~~include the nucleotide~~
 ~~corresponding to position 26 of SEQ ID NO: 509.~~
6. (Currently Amended) The nucleic acid molecule polynucleotide of claim 4 ~~1~~, wherein
 said nucleic acid molecule polynucleotide ~~sequence~~ is between about 10 and about 30
 nucleotides in length, and wherein at least 10 contiguous bases ~~include the nucleotide~~
 ~~corresponding to position 26 of SEQ ID NO: 509.~~

7-8. (Previously Cancelled)

9-10. (Cancelled)

11. (Previously Cancelled)

12. (Cancelled)

13. (Previously Cancelled)

14. (Currently Amended) An isolated allele-specific oligonucleotide that hybridizes to ~~a first polynucleotide at a polymorphic site encompassed therein, wherein the first polynucleotide comprises~~ the polymorphic nucleotide sequence of SEQ ID NO: 509.

15-18. (Previously Cancelled)

19-45. (Cancelled)

46. (Currently Amended) An isolated nucleic acid molecule consisting of polynucleotide ~~comprising~~ a sequence complementary to the polymorphic nucleotide sequence of SEQ ID NO: 509.

47. (Currently Amended) The nucleic acid molecule ~~polynucleotide~~ of claim 46, wherein said nucleic acid molecule ~~polynucleotide sequence~~ is DNA.

48. (Currently Amended) The nucleic acid molecule [~~polynucleotide~~] of claim 46, wherein said nucleic acid molecule [~~polynucleotide sequence~~] is RNA.

49. (Currently Amended) The nucleic acid molecule [~~polynucleotide~~] of claim 46, wherein said nucleic acid molecule [~~polynucleotide sequence~~] is between [about] 10 and [about] 50 nucleotides [~~bases in length~~].
50. (Currently Amended) The nucleic acid molecule ~~polynucleotide~~ of claim 46, wherein said nucleic acid molecule ~~polynucleotide~~ is between about 10 and about 40 nucleotides ~~bases in length~~.
51. (Currently Amended) The nucleic acid molecule ~~polynucleotide~~ of claim 46, wherein said nucleic acid molecule ~~polynucleotide~~ is between about 10 and about 30 nucleotides ~~bases in length~~.
- 52-53. (Cancelled)
54. (New) The isolated nucleic acid molecule of claim 4, wherein the nucleotide at position 26 is a guanosine.
55. (New) An isolated nucleic acid molecule consisting of a sequence complementary to the isolated nucleic acid molecule of claim 4.
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